M. A. R. 57 (Rule 116)

Measurement Book

No. B 178641

Serial No. 1st and final Bill — Premeasurements

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency ..... Technical Manager ICR2D2 (West) Bangalore

Date of commencement of work ..... D.O. Recording 12.05.2018

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work : Drop to Road and drains at 18th main Road of depot Muni & Domestic Layout KG Halli and surrandig areas in Ward No. 12, Shettyhalli sub-Division.						
	Estimated cost Rs = 50.00 Lakhs						
	JOB no = 012-18-000007 - P-Code. P-3332						
	Work order no = EE/DD/20/326/2017-18. Dt. 22.03.2018.						
	(1) Earthwork excavation by manual means in ordinary soil.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks & Measurements
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
	for Rcc drain						
	18th main Road depth	4	10 × 1	30.00	1.15	1.00 = 345.00	
	Muni Swamy Layout		1 × 1	28.00	1.10	1.00 = 28.60	
			10 × 1	30.00	1.15	1.00 = 345.00	
			1 × 1	20.00	1.15	1.00 = 23.00	
			1 × 1	7.00	1.80	1.00 = 12.60	
			1 × 1	6.30	1.80	1.00 = 11.34	
						765.54	
						757.90	
						1205	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 178642

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency..... Measurement Subhead ...
Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) Providing and laying cement concrete 1:4:8 for drain Bed						
	18th main Munisw-amappa Lo. 45	10 × 1	30.00	1.15	0.15	51.75 m³	
		1 × 1	26.00	1.10	0.15	4.29	
	RB	10 × 1	30.00	1.15	0.15	51.75	
		1 × 1	20.00	1.15	0.15	= 3.45	
		1 × 1	7.00	1.70	0.15	1.79	
		1 × 1	6.30	1.70	0.15	= 1.61	
						114.634	
					LHB	113.00	

14/05

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	⑤ Providing TMT-steel reinforcement for RCC work						
	18mm main MS for drain						
	a) 10mm ϕ Main Bars - MS	2×1630	2.10	–	–	6848.00 kg	
		2×35	2.30	–	–	322.00	
	R/S	2×1600	2.05	–	–	6560.00	
		2×32	2.30	–	–	144.90	
						13872.90 kg	
					wt =	0.62 kg/m	8601.20
	b) 8mm ϕ Distribution Bars						
	MS	18×10	30.00	–	–	5400.00	
		18×1	26.00	–	–	468.00	
	R/S	18×10	30.00	–	–	5400.00	
		18×1	20.00	–	–	360.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 178643

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿಯ ಉಪವಿಭಾಗ, ದಾಸನಪುರ ಮೇಲಿನ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.	18×1	7.00	-	-	126.00	
		18×1	6.30	-	-	113.40	
						11867.40	kg
					wt =	0.391 kg/q	4628.29
	for - CD's						
(c)	18mm ϕ Bars	8×12	1.50	-	-	144.00	
		8×12	1.50	-	-	144.00	
						288.00 kg	
					wt	1.58 kg/q	455.04
(d)	8mm ϕ Bars.	10×12	1.80	-	-	216.00	
		10×12	1.80	-	-	216.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
						432.00 cum	
					@ 0.39 kg/cum	= 168.48	
						Total Wt.	139.35
						@ 1 kg =	13.85

Chd & Rg

providing and removing [illegible] shuttering, propping etc.

for drain wall

18M main	4	3×10	30.00	–	0.60	540.00
	2	3×1	26.00	–	0.60	46.80
RD	1	3×10	30.00	–	0.70	630.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 178644

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
		3×1	20.00	-	0.60	36.00	
		4×1	7.00	-	0.70	19.60	
		4×1	6.30	-	0.70	17.64	
		1	7.00	-	0.60	4.20	
		1	6.30	-	0.60	3.78	
		1	17.00	-	0.25	4.25	
		1	15.60	-	0.25	3.90	
						1306.17	
						1260.00	m²

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಾಡಾ ಸಬ್‌ಡಿವಿಷನ್, ದಾಸರಹಳ್ಳಿ
ಬೆಂಗಳೂರು.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Remarks
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	
(5)	Providing and laying reinforced cement concrete using M.20 Concrete.						
	For drain Bottom	4	10.00	30.00	1.05	0.15 = 47.25	
		1	4.00	30.00	1.05	0.15 = 4.10	
		10	1.00	30.00	1.05	0.15 = 47.25	
		1	1.00	30.00	1.05	0.15 = 3.15	
		1	1.00	7.00	0.35	0.15 = 0.37	
		1	1.00	6.30	0.35	0.15 = 0.33	
						102.44 Cum	

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ವಾರ್ಡ್ ನಂ. 12, ಲಕ್ಷ್ಮಿ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು